



On the Water Front

Encouraging young people to plan for the future and seek a better understanding of the world they will inherit from us is

one of the most important things we can do for the next generation. That's one of the primary reasons Tucson Water sponsors youth education programs and works with teachers to promote a good understanding of water issues here in our desert city.

During the past year, we have worked with local high schools, teachers, and students to conduct the Water Education Fair, a Youth Town Hall Forum on water, and a Teacher Internship Program. This spring's Water Expo, "Our Water - 2025," continues Tucson Water's commitment to working with local educational institutions.

We anticipate a rapidly changing future here in southern Arizona and planning today will make that future a better one for Tucson. This is especially true for water issues. All of us enjoy living here in the desert, but we should always remember how precious water is and its importance in sustaining our quality of life.

Creating opportunities for youth to learn about water conservation and the wise use of our water resources is a positive step we can take to help preserve our community and the environment we value so highly. We know we will learn from them also.

I encourage all our customers to visit the Water Expo next month at Park Place and see the innovative ideas and displays these high school students develop. I am very much looking forward to it.

David V. Modeer
Director, Tucson Water

Your Water Connection

News & Tips for Tucson Water Customers

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March 2000

<http://www.ci.tucson.az.us/water/>

—High School Students Examine Water Resource Issues

Our Water – 2025 Expo Set for April



“The ‘Our Water – 2025’ Expo is designed to encourage students to examine the water issues of today and the future,” said Fernando Molina, Tucson Water’s Water Conservation Manager. Changes in water quality standards and maximizing our use of all available water resources are some of those issues that student projects will explore. Student projects will be evaluated at both Freshman/Sophomore and Junior/Senior levels to determine their ease in understanding the issues, clarity, and overall appearance. Where appropriate, projects will be evaluated on their use of sound scientific and engineering principles. Winning projects will receive awards from Tucson Water.

Discussing local water resource issues and engaging the community with ideas is the principle behind the first Water Expo for high school students, sponsored by Tucson Water, and set for April 12 – 16 at Park Place.

Four categories are available to students and clubs – science/math/ engineering; media/arts; government/social studies, and interdisciplinary. For more information contact Tucson Water’s Hayley Hayes at 791-2616 or 791-2617.

Visit the Tucson Water Web Site at <http://www.ci.tucson.az.us/water/>



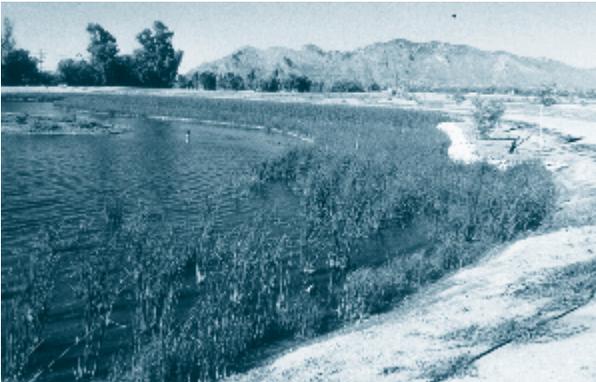
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Wetlands Mosquito Control

Tucson Water's Sweetwater Wetlands is not only a vital part of our city's reclaimed water system, but has also grown into a unique wildlife habitat, popular with many school groups, birdwatchers and others interested in nature.

Along with many mammals and birds, wetlands can also be an ideal habitat for mosquitoes. But that's being controlled at Sweetwater thanks to collaboration between Tucson Water, Pima County Health Department, the Arizona Department of Health Services, and the University of



Arizona. An on-going program developed by these partners has reduced the mosquito population at the wetlands by more than 80 percent, lower than it was before the Wetlands were constructed. Tucson Water is also in the process of removing some of the bulrush and cattail vegetation at Sweetwater to reduce the breeding habitat for mosquitoes and provide additional foraging habitat for waterfowl and wading birds.

Sweetwater Wetlands is located at 2621 W. Sweetwater Drive and is open to visitors. To arrange tours contact Joaquim Delgado at Tucson Water - 791-4331.

– Tucson Water Employee Spotlight

Ray Bayless Talks With You About Water



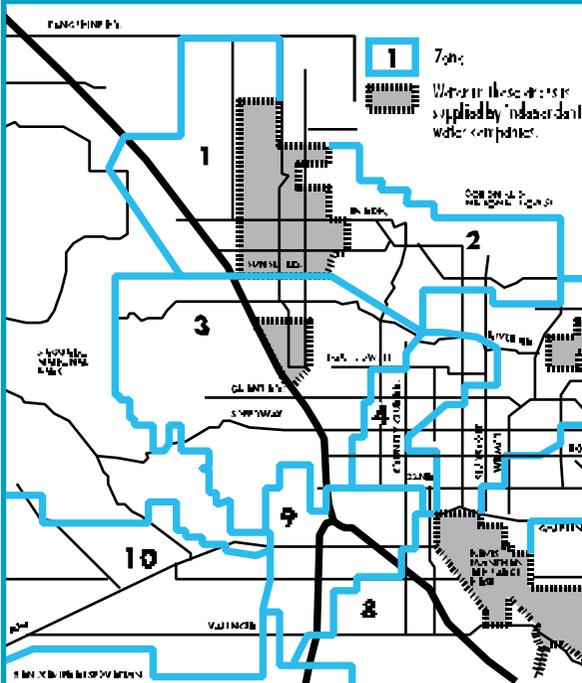
Ray Bayless at the Tucson Water Information Kiosk in Park Place (formerly known as Park Mall).

Want to talk with someone about water? Next time you're at Park Place, stop at the Tucson Water Information Kiosk and meet Ray Bayless. Ray worked in the Equipment Maintenance Section of Tucson Water's Operations Division until he was recruited in 1999 to head up the Kiosk at Park Place. He's been with Tucson Water for 28 years and with the City of Tucson for 32 years. Now he's called the Mayor of the Mall by Park Place regulars and employees. Ray plays a critical role in Tucson Water's outreach efforts, sharing his wide-ranging knowledge of water issues and a large number of informational materials with mall visitors.

Ray married his wife Ruth the same year he "married" the city, 32 years ago and they have two children and two grandchildren (who reportedly have Ray wrapped around their little fingers). Next time you visit Park Place, stop and say "hi" to Ray.

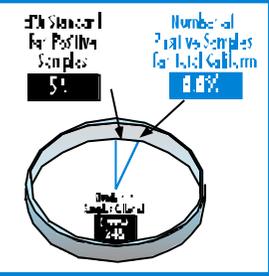
GROUNDWATER QUALITY REPORT - December 1999

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average Range	52 32-77	39 31-41	43 19-98	36 21-65	33 25-44	31 25-42	31 22-39	43 37-57	49 38-105	40 38-42	38 19-105
Mineral Content (ppm)	Average Range	382 189-557	275 239-296	282 179-634	233 185-355	229 166-314	223 180-266	224 157-300	345 283-494	290 205-447	216 208-230	260 157-634
Hardness (ppm)	Average Range	162 55-256	120 84-134	123 60-344	91 54-126	100 67-144	103 79-125	104 63-147	175 117-307	112 67-166	78 73-84	113 54-344
pH (units)	Average Range	7.7 7.1-8.8	7.9 7.6-8.3	7.8 7.2-8.4	7.9 7.6-8.3	7.8 7.3-8.1	7.7 6.7-8.3	7.8 7.1-8.1	7.7 7.4-8.0	7.9 7.6-8.2	7.9 7.8-8.2	7.8 6.7-8.8
Temperature (deg F)	Average Range	70 64-78	69 63-75	69 59-79	70 59-78	67 59-80	69 61-76	68 59-78	69 63-79	72 57-80	71 63-84	69 57-84



COLIFORM BACTERIA TESTING RESULTS - December 1999

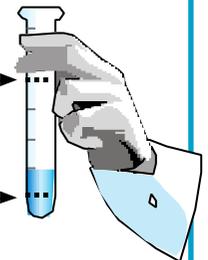
Groundwater Quality Report



Chlorine Level Average

Target = 0.8 to 1.2 ppm

Monthly Average
0.9 ppm



One part per million (ppm) is the same as one second of time in 11.6 days.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10

zones based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.